

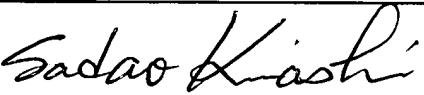
U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: October 8, 2004
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. Application No. (if known): 10/510639
INTERNATIONAL APPLICATION NO.: PCT/JP03/04581	INTERNATIONAL FILING DATE: April 10, 2003	PRIORITY DATE CLAIMED: April 12, 2002
TITLE OF INVENTION: NONDESTRUCTIVE INSPECTION METHOD OF GRAIN-BOUNDARY ATTACK OF CHROMIUM-CONTAINING NICKEL-BASED ALLOY AND INSPECTION APPARATUS FOR USE THEREIN		
APPLICANT(S) FOR DO/EO/US: Seiki TAKAHASHI		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)): a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)): a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO-1449.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. ASSIGNEE NAME AND ADDRESS: JAPAN SCIENCE AND TECHNOLOGY CORPORATION, Kawaguchi-shi, Japan Please publish the assignee data with the application.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: 8 sheets of drawings</p>		

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21. <input checked="" type="checkbox"/> The following fees are submitted:		<u>CALCULATIONS</u>	<u>PTO USE ONLY</u>																																																									
Basic National Fee (37 CFR 1.492(a)(1)-(S): Search Report has been prepared by the EPO or JPO: \$950.00																																																												
International preliminary examination fee paid to USPTO (37 CFR 1.482) \$750.00																																																												
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$790.00																																																												
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1110.00																																																												
International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00																																																												
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 950.00																																																										
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$ 130.00																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 2px;">CLAIMS</th> <th style="text-align: center; padding: 2px;">NUMBER FILED</th> <th style="text-align: center; padding: 2px;">NUMBER EXTRA</th> <th style="text-align: center; padding: 2px;">RATE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 2px;">TOTAL</td> <td style="text-align: center; padding: 2px;">2 -20 =</td> <td style="text-align: center; padding: 2px;"></td> <td style="text-align: center; padding: 2px;">X \$ 18.00</td> </tr> <tr> <td style="text-align: center; padding: 2px;">INDEPENDENT</td> <td style="text-align: center; padding: 2px;">1 - 3 =</td> <td style="text-align: center; padding: 2px;"></td> <td style="text-align: center; padding: 2px;">X \$ 88.00</td> </tr> <tr> <td colspan="2" style="text-align: left; padding: 2px;">Multiple dependent claims(s) (if applicable)</td> <td style="text-align: center; padding: 2px;">+ \$300.00</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right; padding: 2px;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: center; padding: 2px;">\$ 1080.00</td> <td></td> </tr> <tr> <td colspan="4"> Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28). </td> </tr> <tr> <td colspan="2" style="text-align: right; padding: 2px;">SUBTOTAL =</td> <td style="text-align: center; padding: 2px;">\$ 1080.00</td> <td></td> </tr> <tr> <td colspan="4"> Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + </td> </tr> <tr> <td colspan="2" style="text-align: right; padding: 2px;">TOTAL NATIONAL FEE =</td> <td style="text-align: center; padding: 2px;">\$ 1080.00</td> <td></td> </tr> <tr> <td colspan="2"> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + </td> <td></td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right; padding: 2px;">TOTAL FEES ENCLOSED =</td> <td style="text-align: center; padding: 2px;">\$ 1080.00</td> <td></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center; padding: 2px;">Amount to be:</td> <td></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center; padding: 2px;">refunded</td> <td style="text-align: center; padding: 2px;">\$</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center; padding: 2px;">charged</td> <td style="text-align: center; padding: 2px;">\$</td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	TOTAL	2 -20 =		X \$ 18.00	INDEPENDENT	1 - 3 =		X \$ 88.00	Multiple dependent claims(s) (if applicable)		+ \$300.00		TOTAL OF ABOVE CALCULATIONS =		\$ 1080.00		Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				SUBTOTAL =		\$ 1080.00		Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				TOTAL NATIONAL FEE =		\$ 1080.00		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				TOTAL FEES ENCLOSED =		\$ 1080.00				Amount to be:				refunded	\$			charged	\$	
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- a. A check in the amount of \$1080.00 to cover the above fees is enclosed. (\$950.00 for basic filing fee and \$130.00 late filing of the declaration).
- b. Please charge my Deposit Account No. 50-2866 in the amount of \$____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:	WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Connecticut Avenue, N.W. Suite 700 Washington, D.C. 20036 CUSTOMER No. 38834
Typed or Printed Name: Sadao Kinashi	Reg. No.: 48,075
Signature 	Date: October 8, 2004

SK/II